

FIG.1A

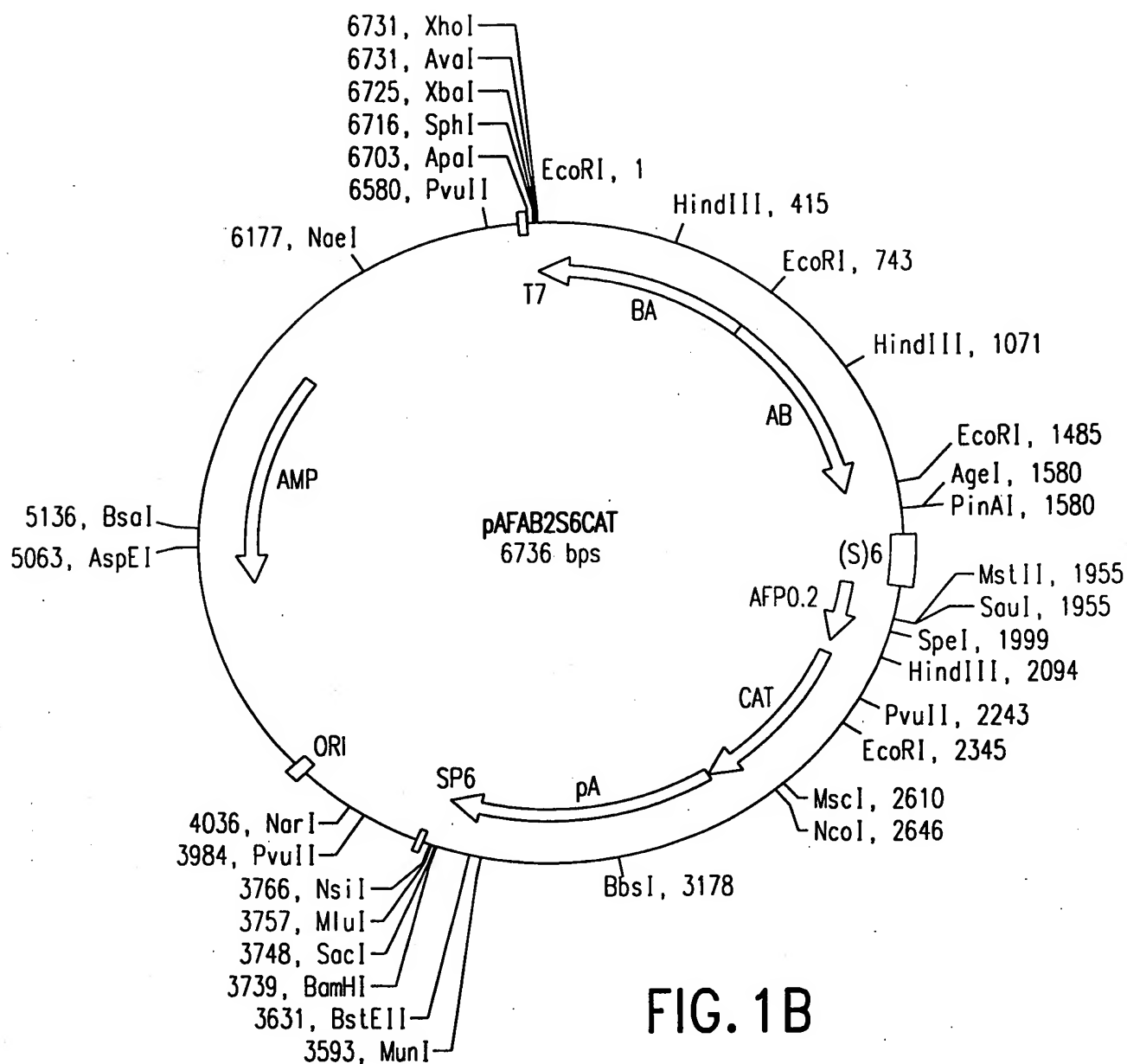


FIG. 1B

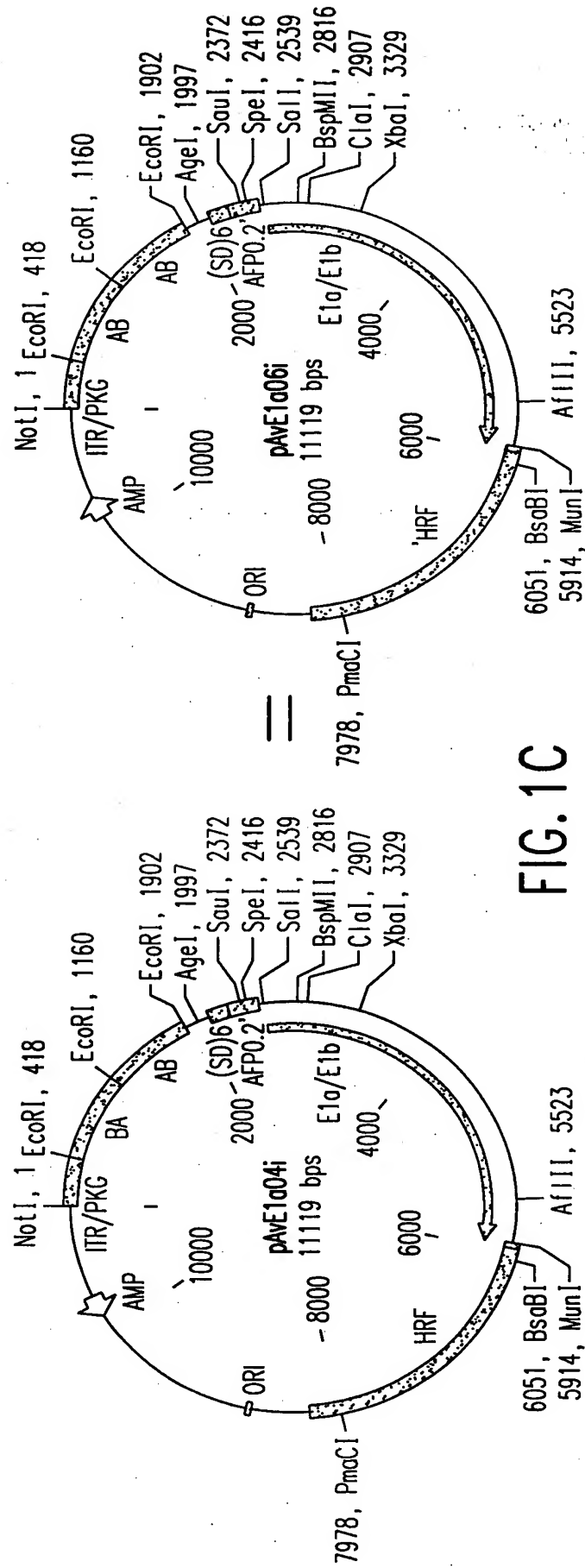
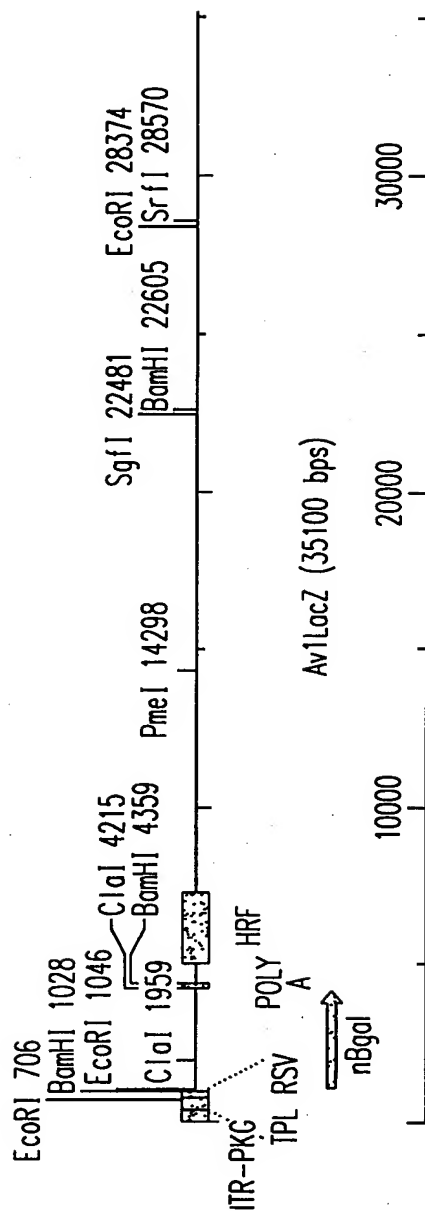


FIG. 1C



DIGEST WITH
ClaI (bp 1959, 4215)

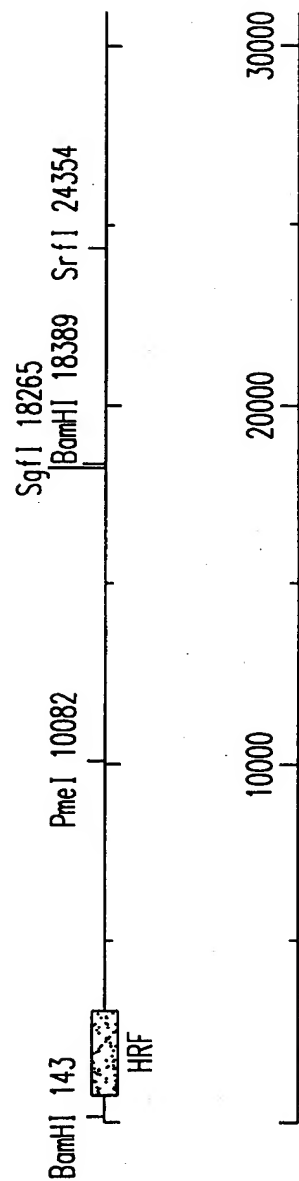


FIG. 2A

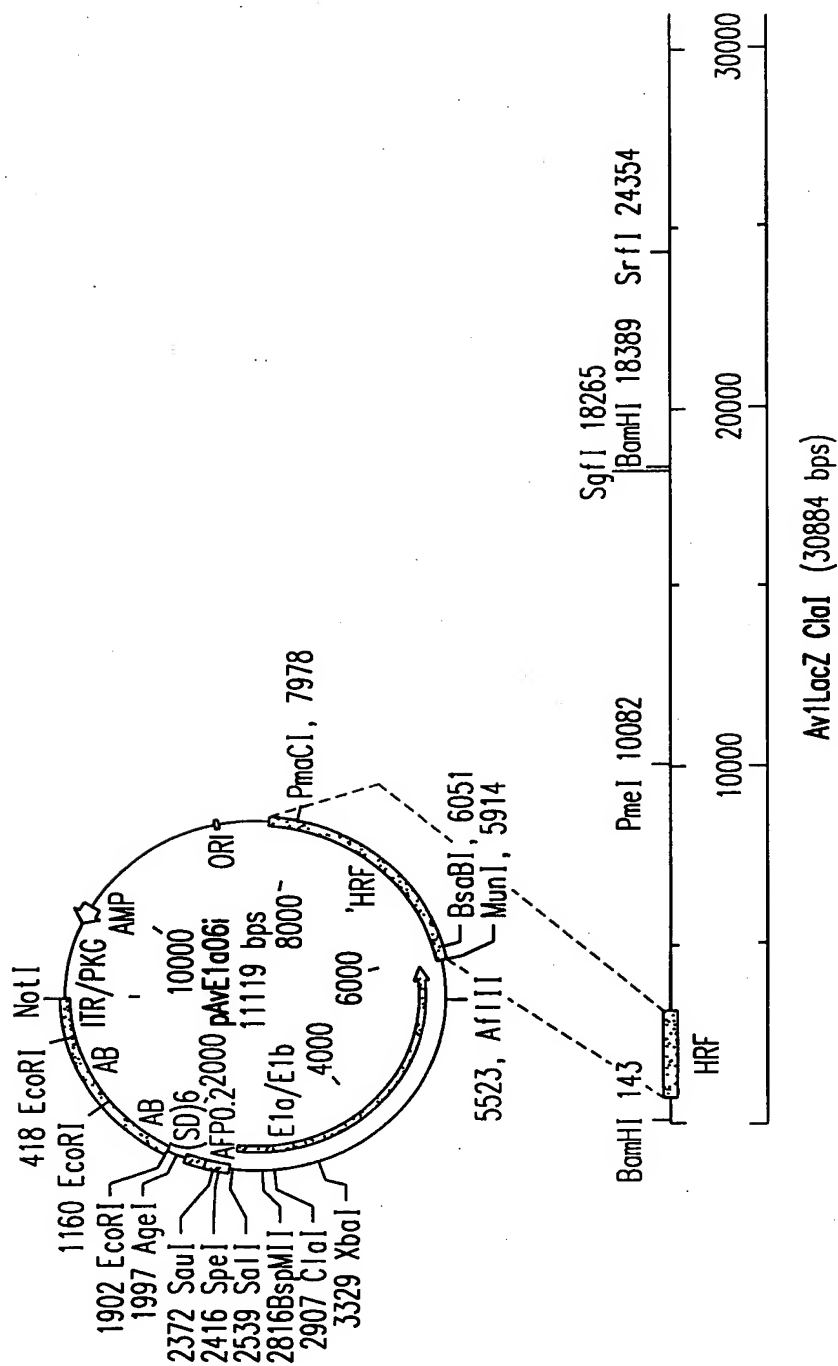
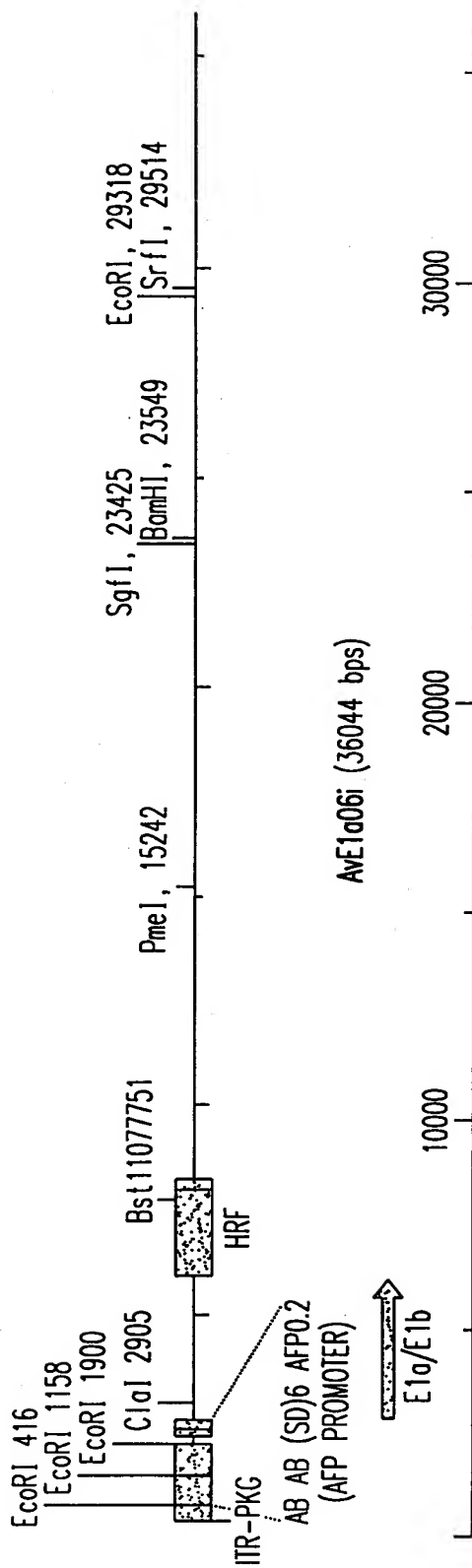


FIG. 2B



VIRUS AMPLIFIED ON S8 CELLS
DELETED ONE DIRECT ENHANCER (AB)
FROM THE PROMOTER

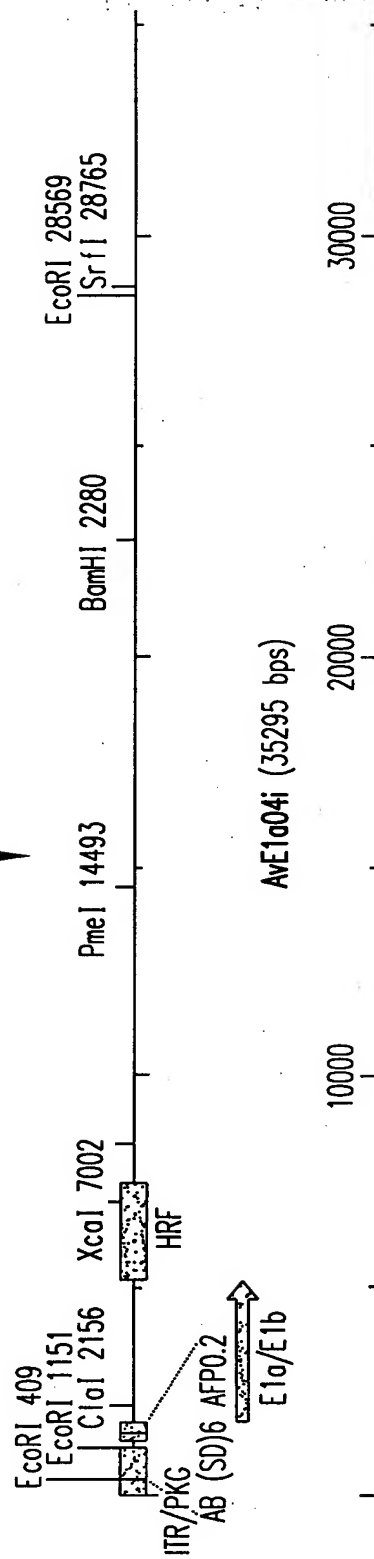


FIG.2C

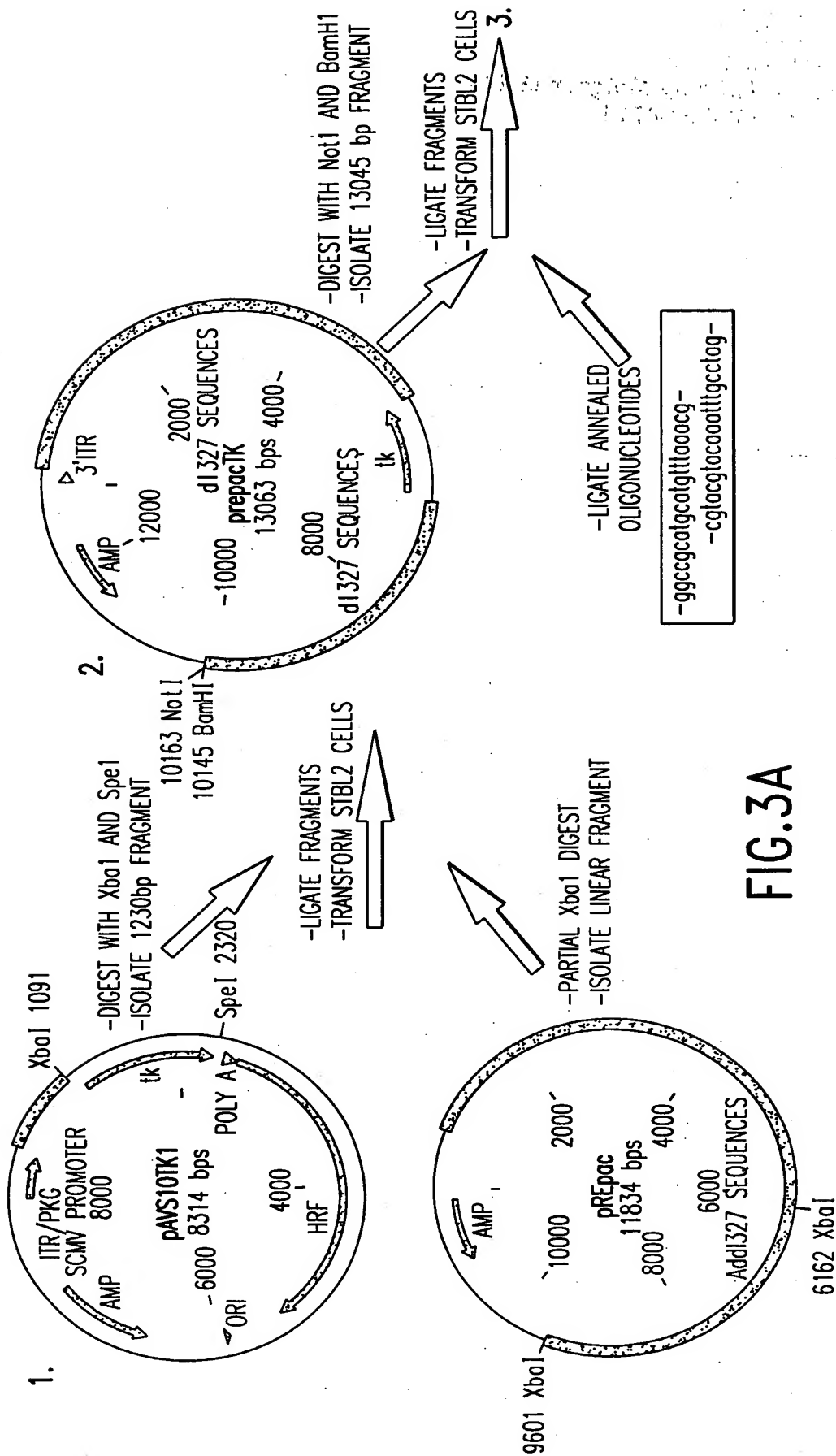


FIG.3A

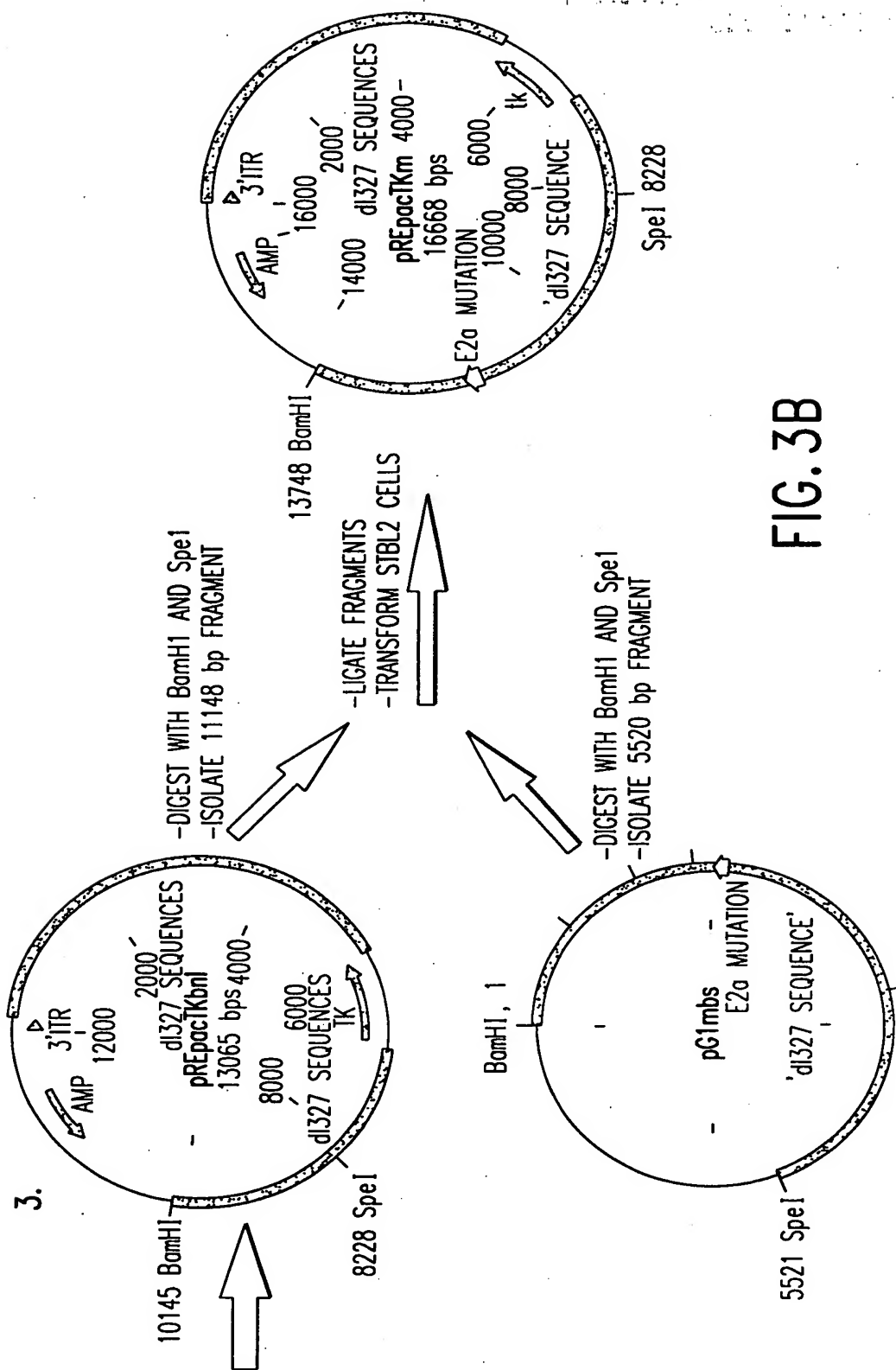


FIG. 3B

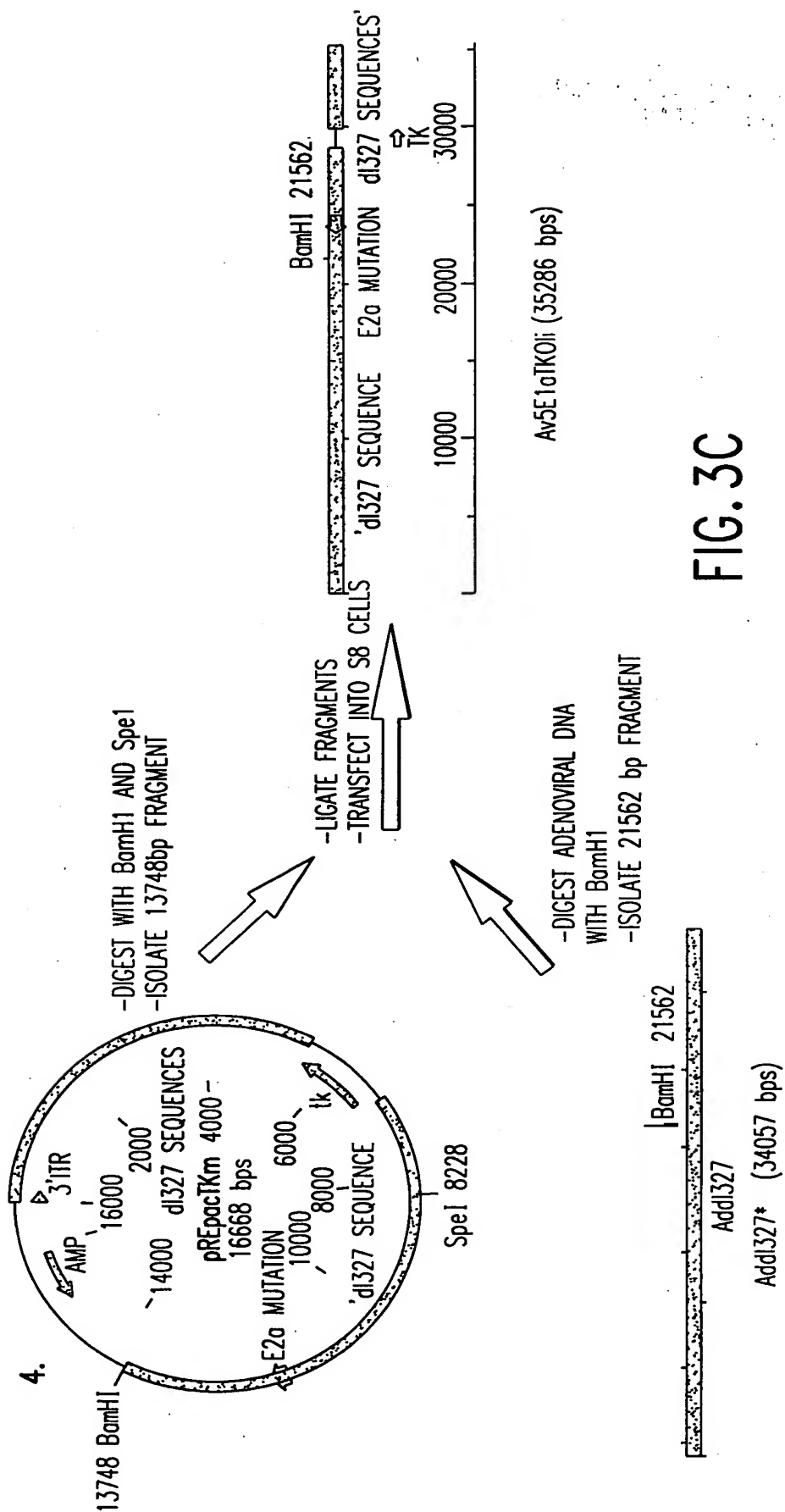
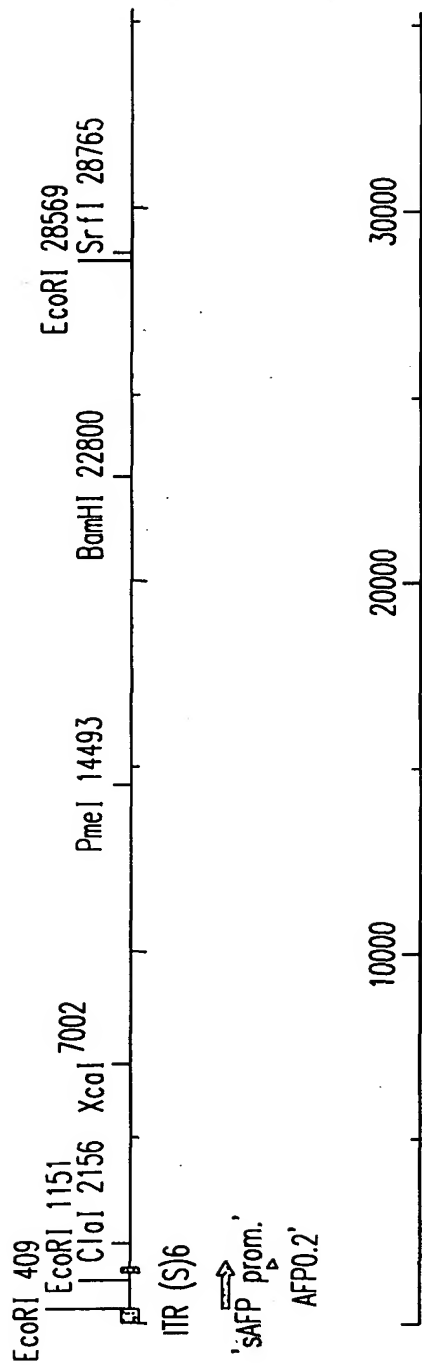


FIG. 3C



Av1E1a04i (35295 bps)

DIGEST WITH BamHI (bp 22800)
AND SrfI (bp 28765)

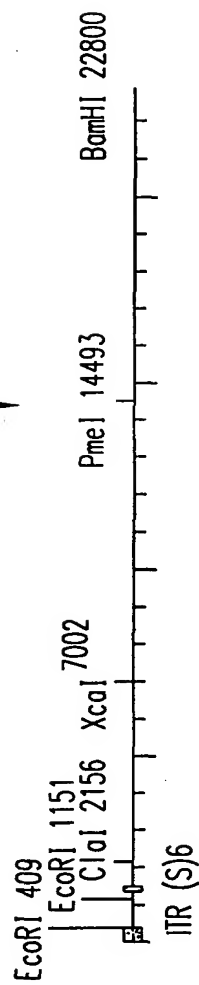


FIG. 4A

Av1E1a04i DIGESTED WITH BamHI AND SrfI (22800 bps)

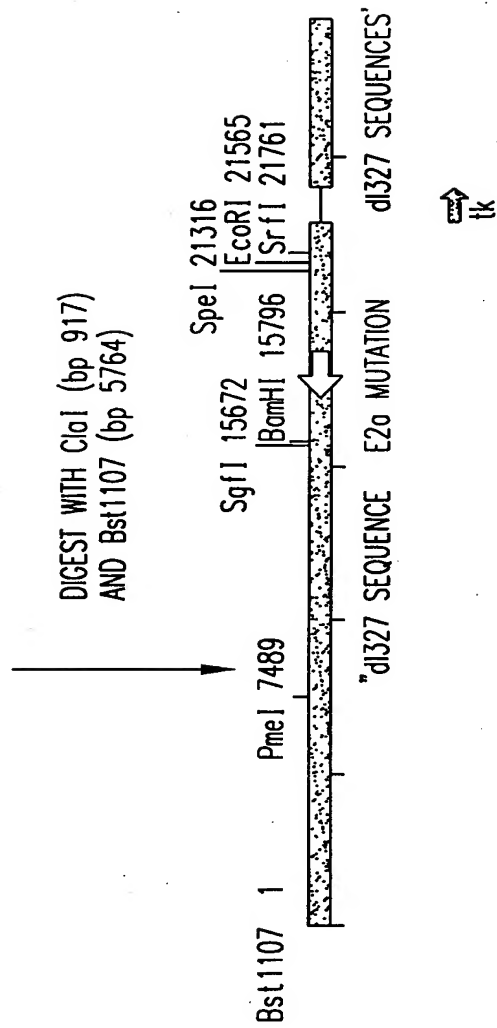
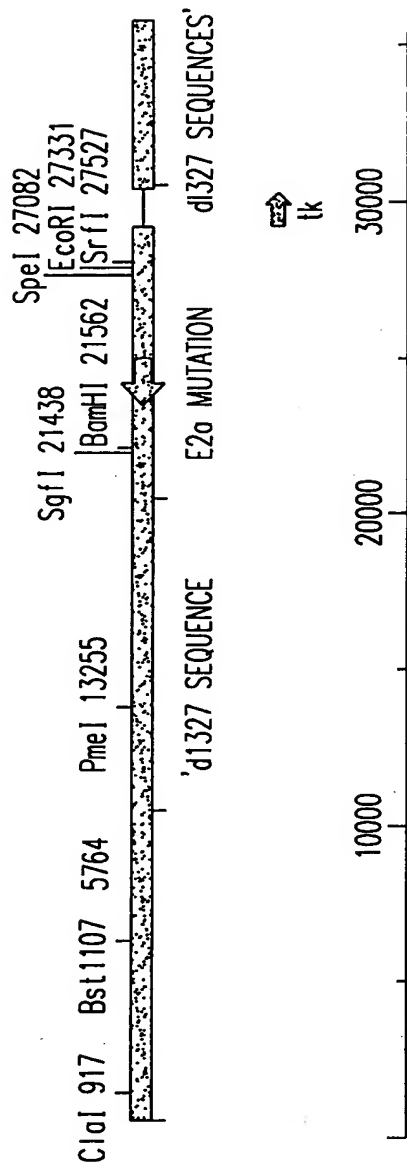


FIG. 4B

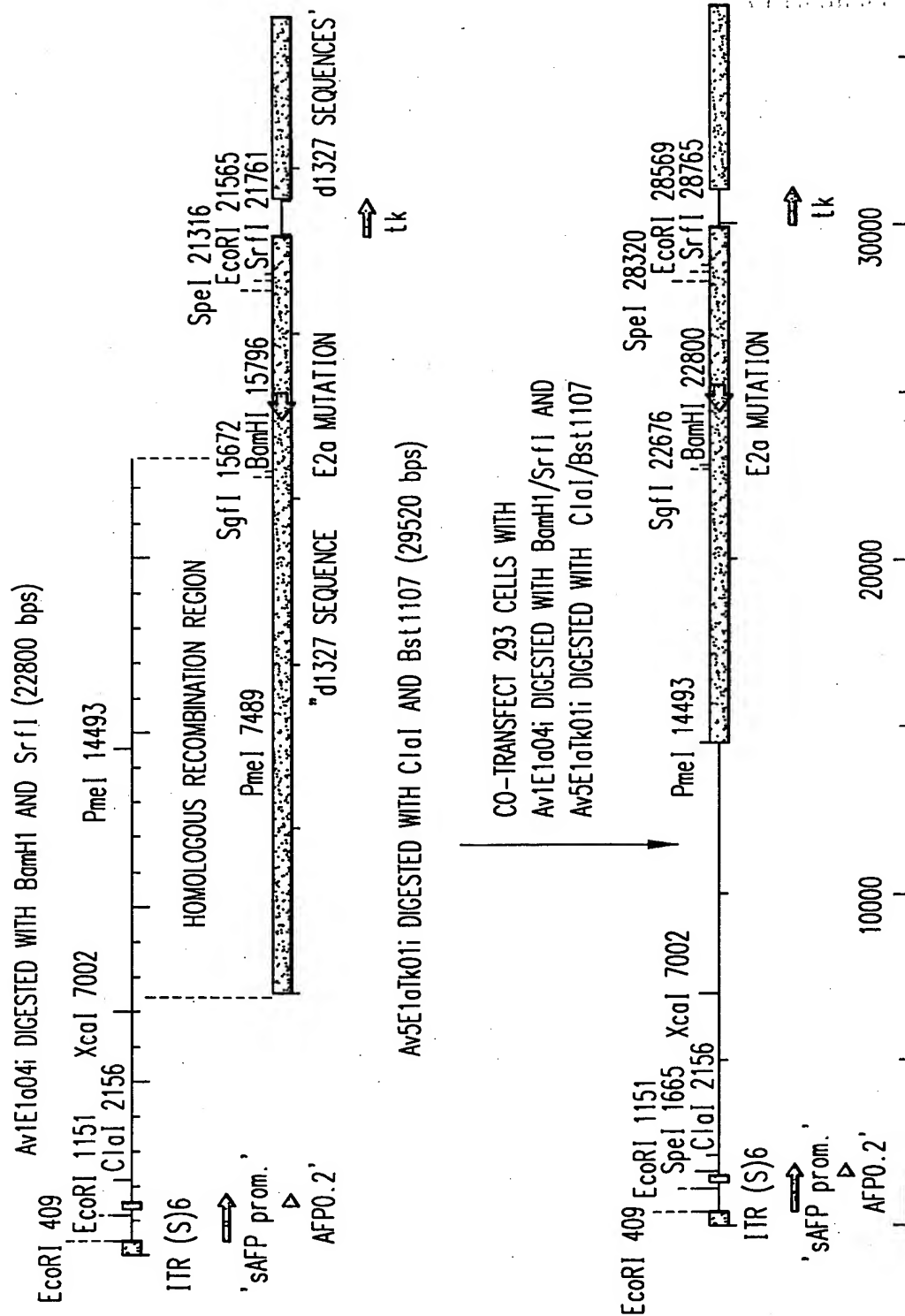


FIG. 4C

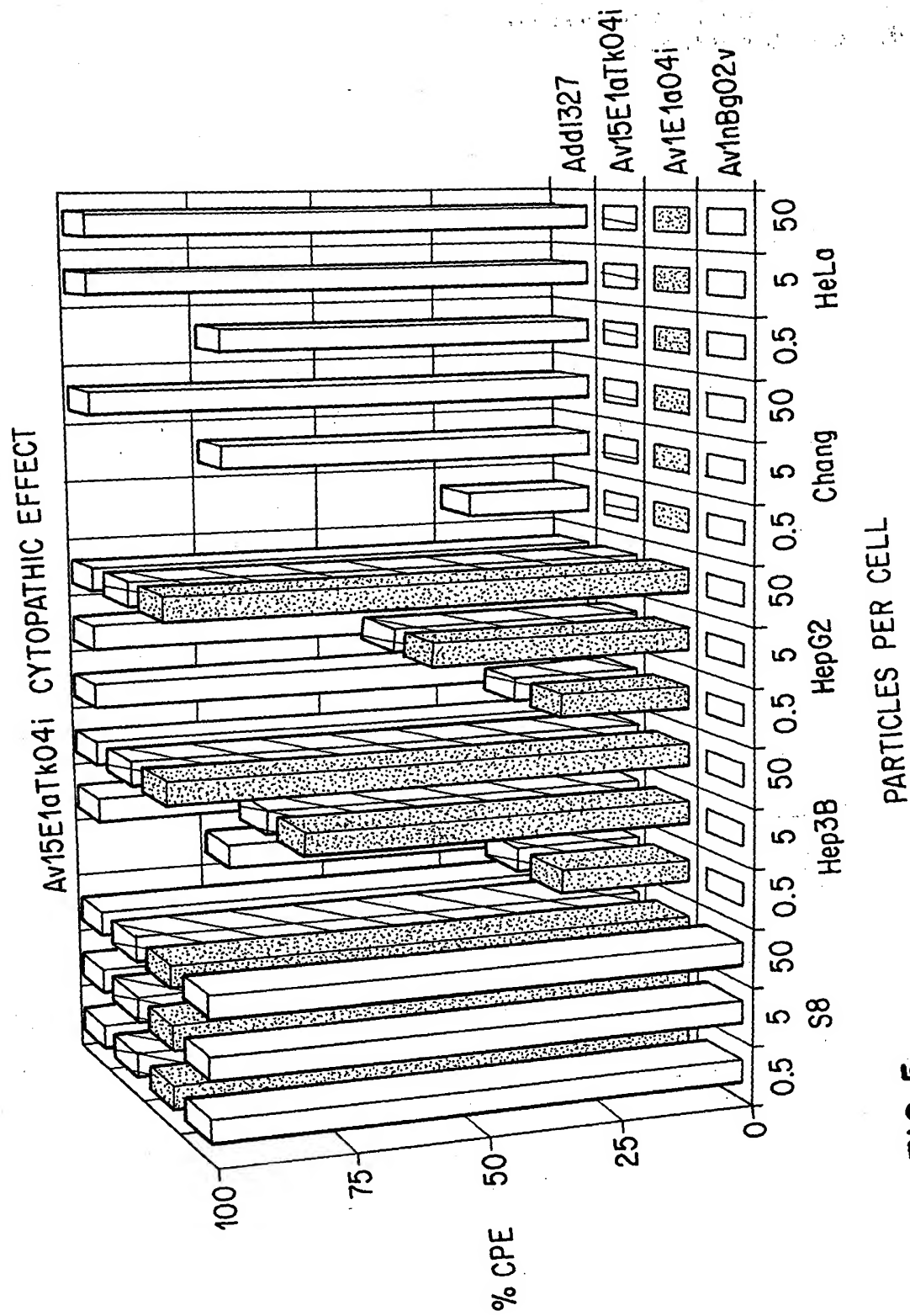
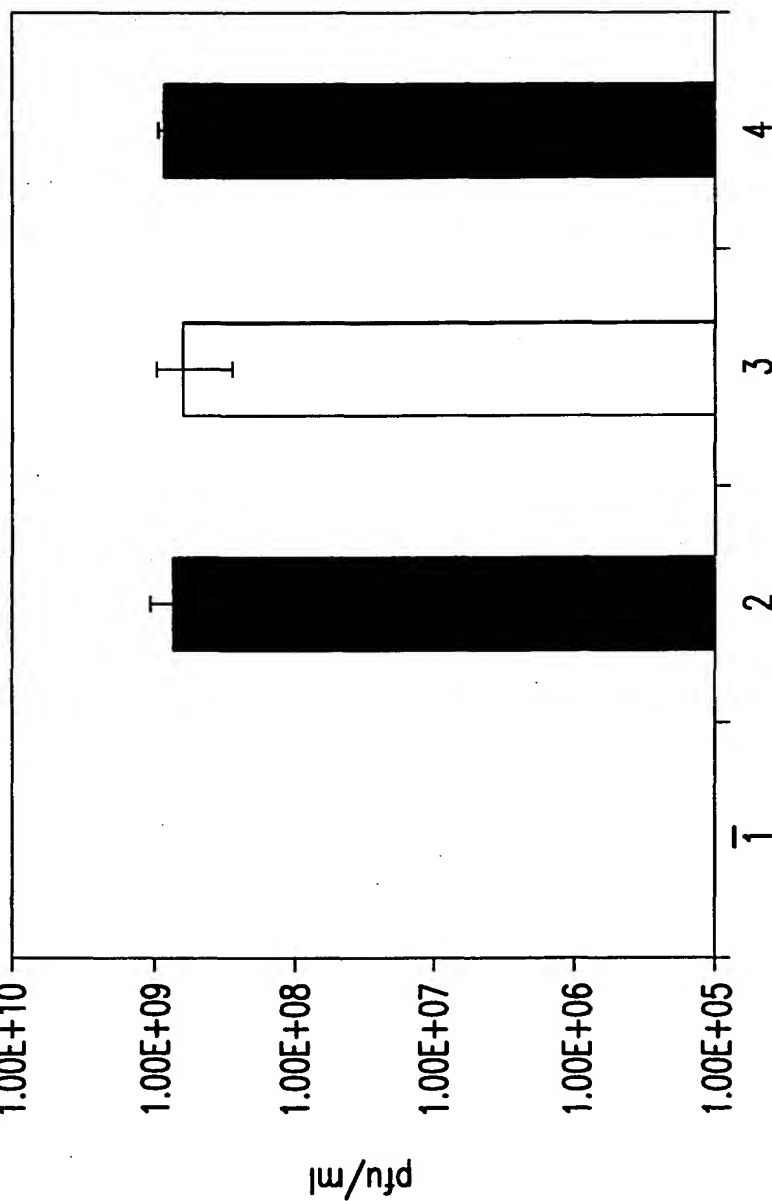
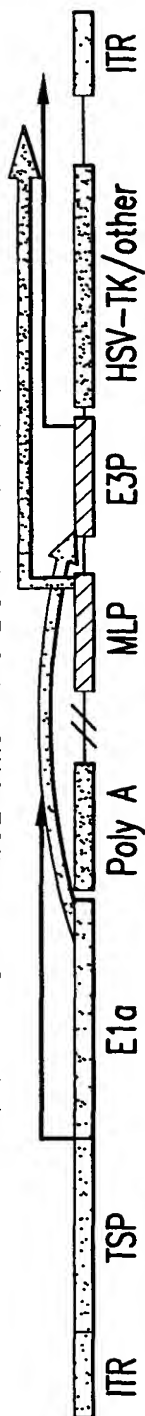


FIG. 5

GCV INHIBITION OF Av5E1 α Tk01i REPLICATION IN VITRO



VECTOR	Av5E1 α Tk01i	Av5E1 α Tk01i	AddI327	AddI327
GCV	+	-	+	-

* LIMIT OF SENSITIVITY=7.4 x 10E4

FIG.6

GCV Inhibition of Av5E1aTK 01i Replication *In Vivo*

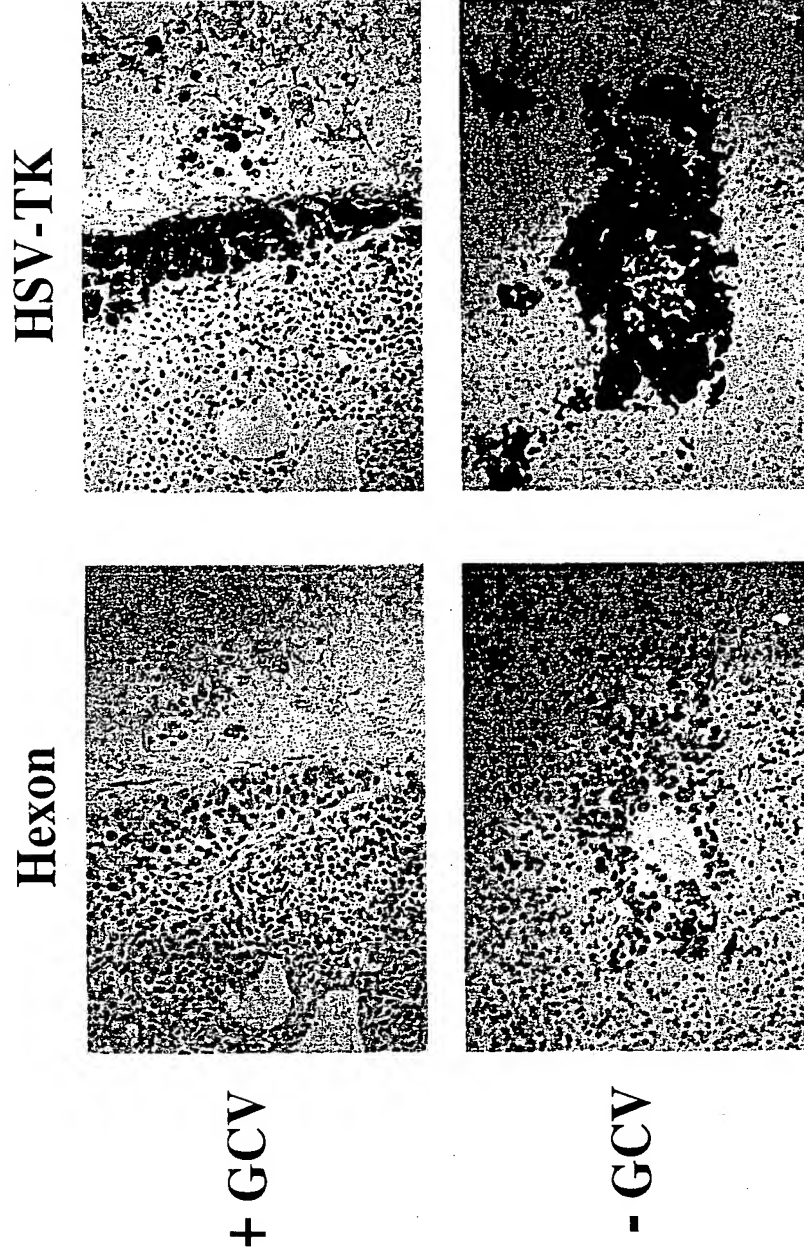
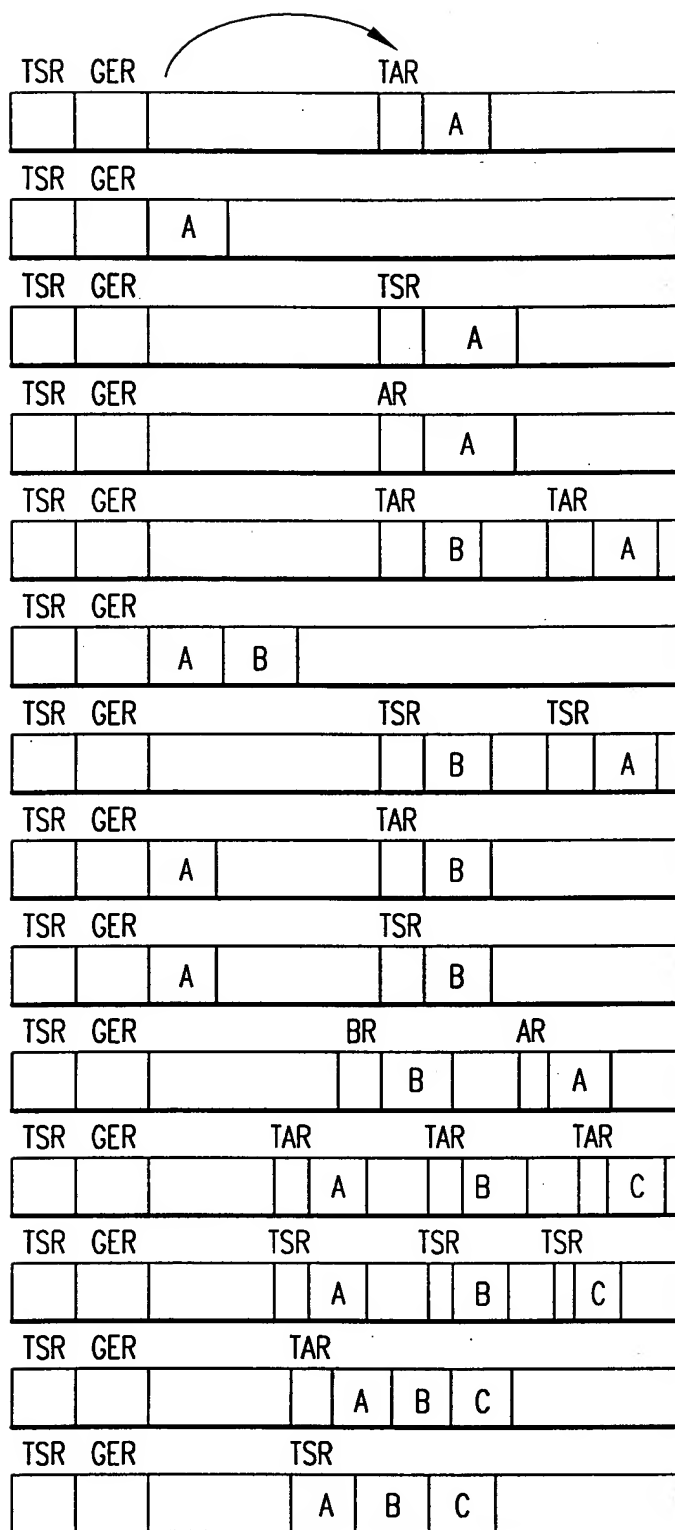


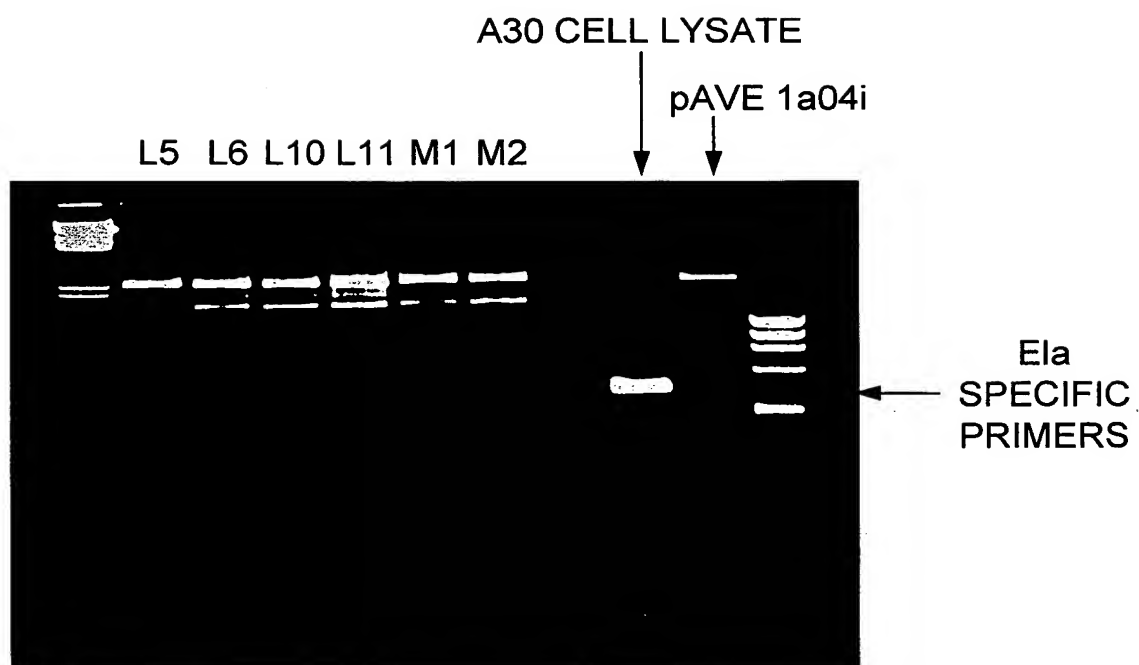
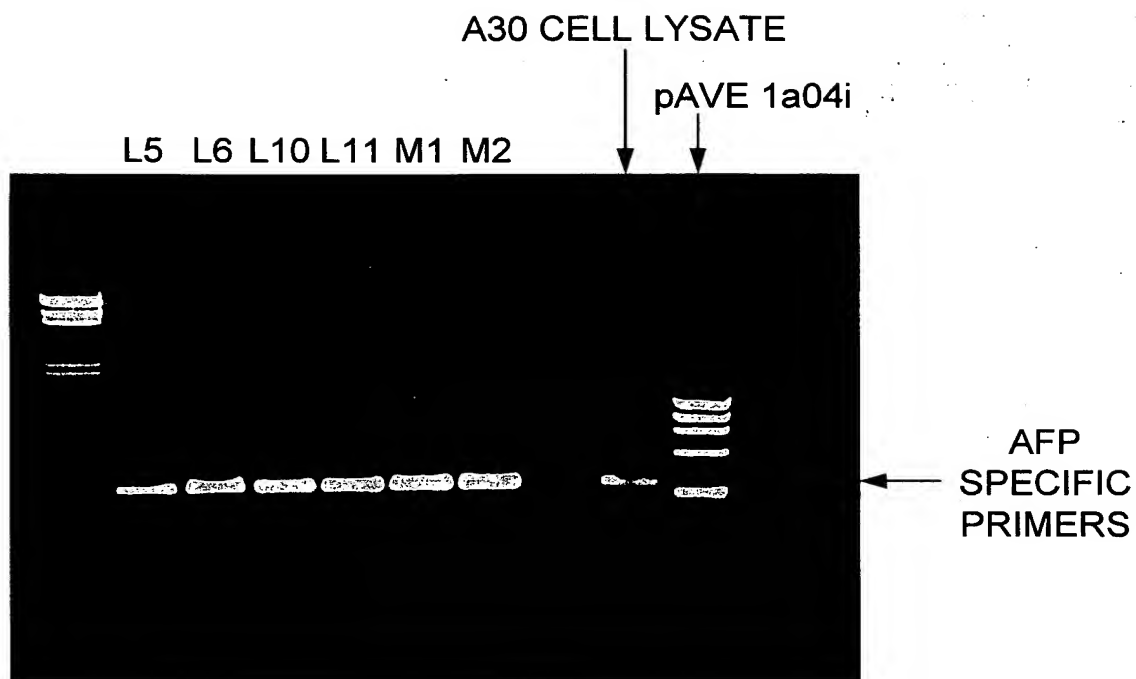
FIG.7



TSR = TISSUE SPECIFIC REG. SEQ.
 GER = GENE ESSENTIAL FOR REPL.
 TAR = TRANSACTIVATIBLE REG. SEQ.
 AR, BR etc. = HOMOLOGOUS
 PROMOTER OF GENE A, B, etc.

etc.

FIG.8



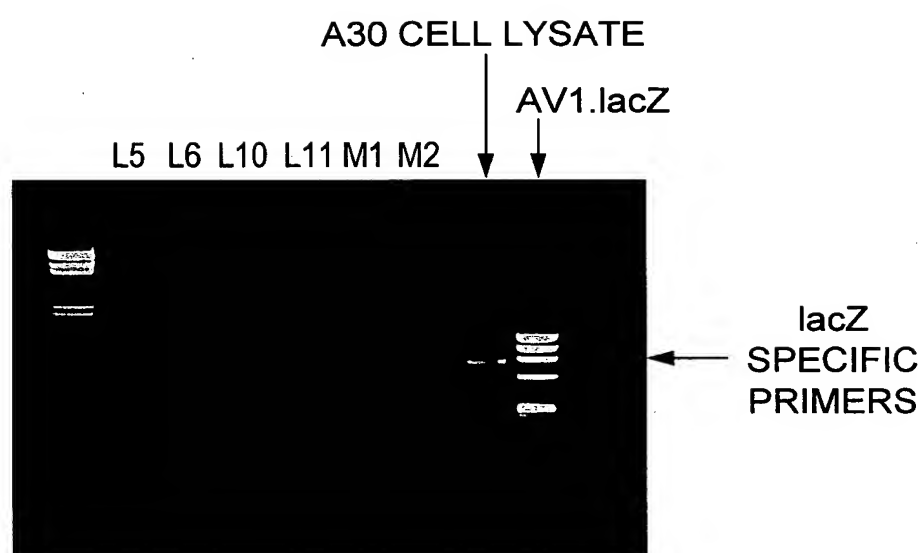


FIG.9C

A549.30 (+Dex)



UNINFECTED

FIG. 10A

A549

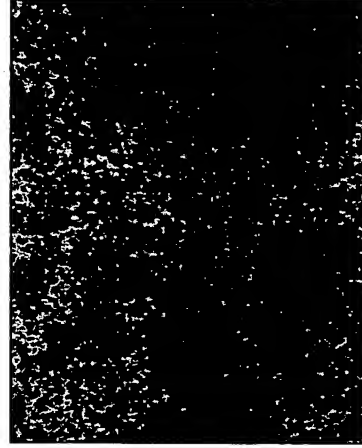


FIG. 10B

HUH7

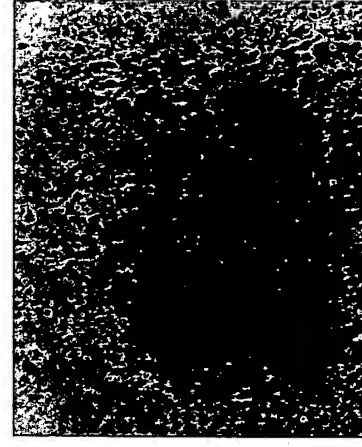
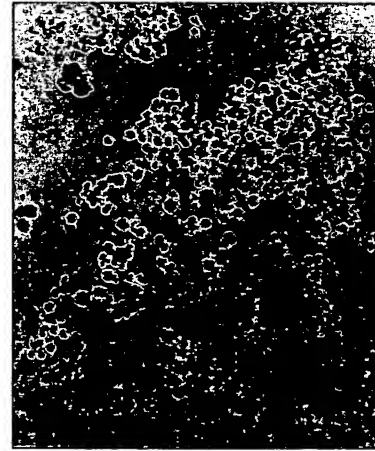


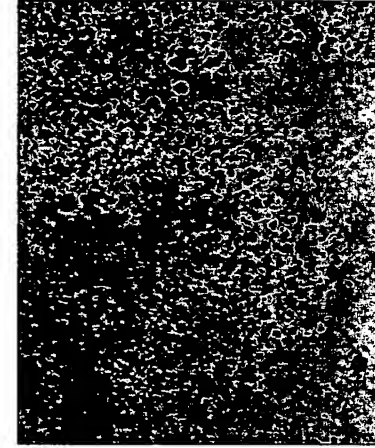
FIG. 10C



INFECTED

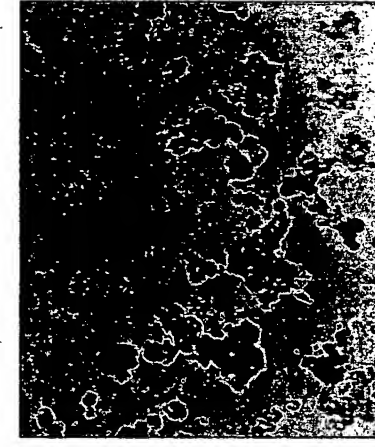
Ela+,AFP-

FIG. 10D



Ela-,AFP-

FIG. 10E



Ela-,AFP+

FIG. 10F